ABSTRACT

This invention relates to methods and compositions for diagnosing and treating neuropsychiatric disorders, such as schizophrenia, schizoaffective disorder, bipolar affective disorder, unipolar affective disorder and adolescent conduct disorder. In particular, the invention provides novel variants of DISC1 and DISC2 nucleic acid sequences, as well as novel DISC1 polypeptides encoded by these variant nucleic acid sequences. The variant DISC1 and DISC2 nucleic acid sequences provided by this invention, and the variant gene products they encode, are ones that correlate with the presence of a neuropsychiatric disorder in individuals. The invention, therefore, also provides methods and compositions for using the variant nucleic acids and polypeptides to diagnose and treat such neuropsychiatric disorders in individuals.